Practice Parson's 8.4A

Practice Assignment

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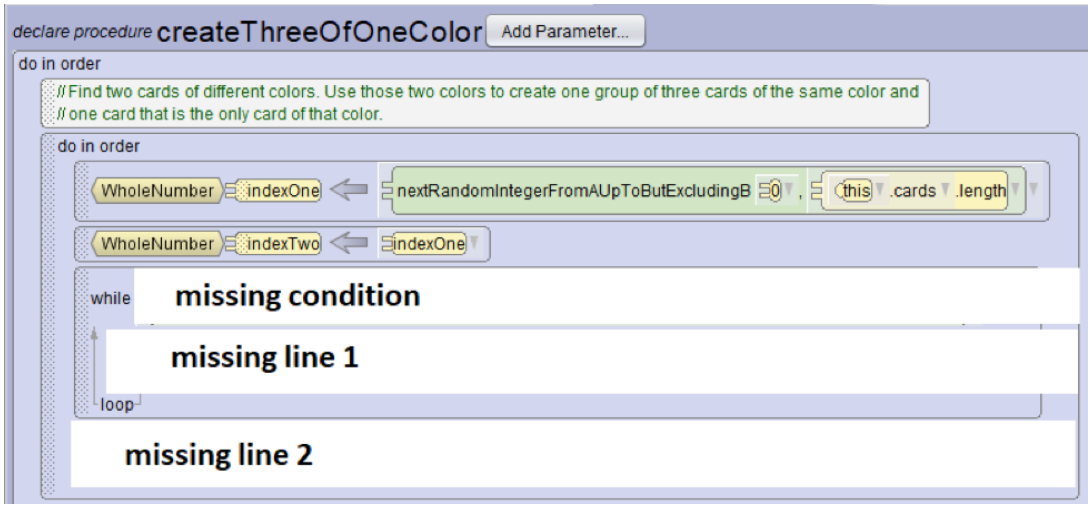
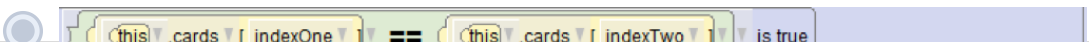
1. Assume there is a **Scene** array of type **Billboard** named **cards** in which each billboard has been painted a color. For each Paint color in the cards array, that Paint color appears on exactly two Billboards in the array.

   Write the **Scene** procedure named **createThreeOfOneColor** that has been started for you. This procedure has no parameters. This procedure randomly picks two cards (by randomly picking two indexes in the cards array). Then one of the two cards is painted the Paint color of the other card. After this procedure is called there is one Paint color that is on three cards, one Paint color that is on one card and each of the remaining Paint colors in the cards array are on exactly two cards.

   This procedure has been started for you and has some missing code.


declare procedure createThreeOfOneColor
Add Parameter...
do in order
// Find two cards of different colors. Use those two colors to create one group of three cards of the same color and
// one card that is the only card of that color.
do in order
WholeNumber indexOne
nextRandomIntegerFromAUpToButExcludingB 0 this cards length
WholeNumber indexTwo
indexOne
while
missing condition
missing line 1
loop
missing line 2

   What is the missing condition?